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DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled DECODING OF ARRAY SENSORS WITH MICROSPHERES, the specification of which

(check
one) is attached hereto.

was filed on 10 November 1998 as
Application Serial No. 09/189,543
and was amended on _____.
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			<u>Priority Claimed</u>	
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>	<input type="checkbox"/>
_____	_____	_____	Yes	No
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
_____	_____	_____	Yes	No
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
_____	_____	_____	Yes	No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>60/090,473</u>	<u>24 June 1998</u>	<u>pending</u>
(Application Serial No.)	(Filing Date)	(Status)
(patented, pending, abandoned)		
 <u> </u> (Application Serial No.)	 <u> </u> (Filing Date)	 <u> </u> (Status)
(patented, pending, abandoned)		

I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Harold C. Hohbach, Reg. No. 17,757; Aldo J. Test, Reg. No. 18,048; Thomas O. Herbert, Reg. No. 18,612; Donald N. MacIntosh, Reg. No. 20,316; Jerry G. Wright, Reg. No. 20,165; Edward S. Wright, Reg. No. 24,903; David J. Brezner, Reg. No. 24,774; Richard E. Backus, Reg. No. 22,701; James A. Sheridan, Reg. No. 25,435; Robert B. Chickering, Reg. No. 24,286; Richard F. Trecartin, Reg. No. 31,801; Walter H. Dreger, Reg. No. 24,190; Steven F. Caserza, Reg. No. 29,780; Laura L. Kulhanjian, Reg. No. 33,257; Julian Caplan, 14,785; Edward N. Bachand, Reg. No. 37,085; R. Michael Ananian, Reg. No. 35,050; David C. Ashby, Reg. No. 36,432; and Robin M. Silva, Reg. No. 38,304; provided that if any one of said attorneys ceases being affiliated with the law firm of Flehr Hohbach Test Albritton & Herbert LLP as partner, employee or of counsel, such attorney's appointment as attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated.

Direct all telephone calls to DAVID J. BREZNER at 415-781-1989.

Address all correspondence to:

FLEHR HOHBACH TEST
ALBRITTON & HERBERT LLP
Suite 3400, Four Embarcadero Center
San Francisco, California 94111-4187

File No. A-66828-1/DJB/RMS

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or
first inventor:

Mark S. CHEE

Inventor's signature:

Mark Chee
2/17/99

Date:

Residence:

Del Mar, California

Citizenship:

Australia

Post Office Address:

155 - 15th Street #24

Del Mar, California 92014

Full name of second joint
inventor, if any:

Anthony W. CZARNIK

Inventor's signature:

Anthony W. Gzarnik
2/17/99

Date:

Residence:

San Diego, California

Citizenship:

U.S.A.

Post Office Address:

11017 Camino Abrelo

San Diego, California 92127

Full name of third joint inventor, if any: John R. STUELPNAGEL

Inventor's signature: John R Stuelpnagel

Date: 2/17/99

Residence: Encinitas, California

Citizenship: U.S.A.

Post Office Address: 38 Briggs Avenue

Encinitas, California 92024



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POWER OF ATTORNEY BY ASSIGNEE
(not accompanying application)

The undersigned assignee of the entire interest in application for letters patent entitled:
DECODING OF ARRAY SENSORS WITH MICROSPHERES

and having the named inventor(s): Mark S. CHEE, Anthony W. CZARNIK, and John R. STUELPNAGEL

and having Application No. 09/189,543 and filing date of 10 November 1998

hereby appoints the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith; said appointment to be to the exclusion of the inventor(s) and his (their) attorney(s) in accordance with the provisions of 37 C.F.R. §1.32:

Harold C. Hohbach, Reg. No. 17,757; Aldo J. Test, Reg. No. 18,048; Thomas O. Herbert, Reg. No. 18,612; Donald N. MacIntosh, Reg. No. 20,316; Jerry G. Wright, Reg. No. 20,165; Edward S. Wright, Reg. No. 24,903; David J. Brezner, Reg. No. 24,774; Richard E. Backus, Reg. No. 22,701; James A. Sheridan, Reg. No. 25,435; Robert B. Chickering, Reg. No. 24,286; Richard F. Trecartin, Reg. No. 31,801; Walter H. Dreger, Reg. No. 24,190; Steven F. Caserza, Reg. No. 29,780; Laura L. Kulhanjian, Reg. No. 33,257; Julian Caplan, Reg. No. 14,785; Edward N. Bachand, Reg. No. 37,085; R. Michael Ananian, Reg. No. 35,050; David C. Ashby, Reg. No. 36,432; and Robin M. Silva, Reg. No. 38,304, provided that if any one of said attorneys ceases being affiliated with the law firm of Flehr Hohbach Test Albritton & Herbert LLP as partner, employee or of counsel, such attorney's appointment as attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated.

In accordance with 37 CFR §3.73 the assignee hereby certifies that the evidentiary documents with respect to its ownership have been reviewed and that, to the best of assignee's knowledge and belief, title is in the assignee seeking to take this action.

Direct all telephone calls to David J. Brezner at 415-781-1989.

Address all correspondence to:

Robin M. Silva, Esq.
FLEHR HOHBACH TEST ALBRITTON & HERBERT LLP
Four Embarcadero Center, Suite 3400
San Francisco, California 94111-4187

Assignee: Illumina, Inc.

By: John R. Stuelpnagel
(typed name)

Signature: John R. Stuelpnagel

Address: 9390 Towne Centre Drive, Suite 200, San Diego, California 92121

Date: February 17 1999

File No. A-66828-1/DJB/RMS

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Applicant or Patentee: Mark S. CHEE, et al. Attorney's Docket No.: A-66828-1/DJB/RMS
Serial or Patent No.: 09/189,543
Filed or Issued: 10 November 1998
For: DECODING OF ARRAY SENSORS WITH MICROSPHERES

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) and 1.27(c)) - SMALL BUSINESS CONCERN**

I hereby declare that I am

the owner of the small business concern identified below:
 an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF SMALL BUSINESS CONCERN: Illumina, Inc.
ADDRESS OF SMALL BUSINESS CONCERN: 9390 Towne Centre Drive, Suite 200
San Diego, California 92121

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.12, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention entitled DECODING OF ARRAY SENSORS WITH MICROSPHERES by inventor(s) Mark S. CHEE, Anthony W. CZARNIK, and John R. STUELPNAGEL described in

the specification filed herewith
 application serial no. 09/189,543, filed 10 November 1998
 patent no. _____, issued _____

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights in the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e). *NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

NAME: _____
ADDRESS: _____

INDIVIDUAL SMALL BUSINESS CONCERN NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING John R. Stuelpnagel
TITLE IN ORGANIZATION President & CEO
ADDRESS OF PERSON SIGNING 9390 Towne Centre Drive, Suite 200, San Diego, California 92121

SIGNATURE John R. Stuelpnagel DATE 2/7/99
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